

Title (en)

Diode mixer circuit

Title (de)

Diodenmischerschaltung

Title (fr)

Circuit mélangeur à diodes

Publication

EP 0924853 B1 20040317 (FR)

Application

EP 98204161 A 19981208

Priority

FR 9715881 A 19971215

Abstract (en)

[origin: EP0924853A1] Overcomes previous double balanced designs which used transformers and needed to treat signals symmetrically and used different materials. The design can be totally built on an integrated circuit. Output noise levels and distortion remain low.

IPC 1-7

H03D 7/14

IPC 8 full level

H03D 7/02 (2006.01); **H03D 7/14** (2006.01)

CPC (source: EP KR US)

H03D 7/1408 (2013.01 - EP KR US); **H03K 17/74** (2013.01 - KR)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0924853 A1 19990623; **EP 0924853 B1 20040317**; DE 69822420 D1 20040422; FR 2772527 A1 19990618; JP H11251842 A 19990917; KR 19990063177 A 19990726; US 6192229 B1 20010220

DOCDB simple family (application)

EP 98204161 A 19981208; DE 69822420 T 19981208; FR 9715881 A 19971215; JP 35466498 A 19981214; KR 19980055944 A 19981215; US 20752698 A 19981208